**Video 1 online:** Three months after onset of anti-NMDAR encephalitis shows prominent choreathetosis and dystonic posture with the left arm. The patient's level of consciousness was severely affected; she did not follow commands or establish eye contact. None of these symptoms responded to first-line immunotherapy.

**Video 2 online:** Five weeks after second line immunotherapy was started (5 months after onset of anti-NMDAR encephalitis). The patient's level of consciousness is substantially improved; the prominent choreoathetosis started to improve. Spontaneous movements with the left arm are decreased.

## ACCEPTED MANUSCRIPT

**Video 3 online:** At the last follow up, 9 months after onset of anti-NMDAR encephalitis, the patient's gait is dystonic/ataxic but she is able to walk with mild support. Her cognition is intact, she follows commands appropriately, and communicates by signs.